

## CLAIMS

5     What is claimed is:

1. An electric iron comprised of 1) two handles pivotally connected by a hinge, which is installed close to one end of the handles, 2) two heating blades, each of which is comprised of; a) a ceramic spacer, b) two Ni-  
10     chrome heating plates surrounding the ceramic spacer, c) two composite insulators surrounding the two Ni- chrome plates, and d) an aluminum oxide heating plate cover, developed at the other ends of the handles, 3) a spring in the spring holder retaining the handles open when not in use, 4) an on/off switch located on one end of the upper handle and connected to  
15     120/220V multi-power code, 5) a heating blade temperature controller located on one end of the upper handle and connected to 120/220V multi-power code, 6) an electron generator embedded in the lower handle and connected to an electric circuit embedded in the upper handle to constitute an ac/dc converter, 7) a cathode line connected to a cathode plate of the  
20     electron generator, 8) a carbon fiber brush developed to the end of the cathode line, 9) a light indicating operation of the electron generator and 10) pluralities of holes, for guiding anion produced at the end of the carbon fiber brush to the hair of a user, which are developed along the side part of lower handle below the lower heating blade.

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